

Abstract of the Disclosure

An device, called a facilities management platform (FMP) connects current digital and analog carrier networks and packet switched networks of interexchange carriers with high speed multiple access subscriber links implemented over twisted pair lines. The subscriber line is terminated by an access module containing one or more modems. In preferred embodiments, the modems are high-speed digital tethered virtual radio channel or xDSL modems. The FMP interface applies and receives signaling and voice through a digital loop carrier (DLC) via a multiplexer connected directly to the DLC backplane. The multiplexer is controlled by a controller of an access module. It translates data from the subscriber link to the form compatible with the digital backplane to create the appearance of one or more line cards. The FMP also may contain a sound generator to allow it to handle calls through an analog carrier network. The FMP, through the same access module transmits data to and from the modems directly through connected digital networks, such as ATM or SONET, of an interexchange carrier. Through this interface, different network companies can offer competing products through different networks all seamlessly connected through a high speed subscriber line.